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Patent  
235/054

GP 1654

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/CR  
01/21/99

In re the Application of:

Gregory Plowman et al.

Serial No.: 09/095,478

Filed: June 10, 1998

For: **DIAGNOSIS AND TREATMENT OF PTP  
RELATED DISORDERS**

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) **Group Art Unit: 1654**  
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) **Examiner: To be assigned**  
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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the Applicants' duty under 37 CFR 1.97-98, the following information is brought to the attention of the Examiner. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this Information Disclosure Statement may or may not be "material" pursuant to 37 CFR 1.56 and the submission thereof by Applicants shall not be construed as an admission that any such patent, publication or other information referred to therein is material or  
SD-98790.1

**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

December 30, 1998  
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Karen M. Cruz

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considered to be material (37 CFR 1.97(h)), or even qualifies as "prior art" under 35 U.S.C. § 102 with respect to this invention unless specifically designated by Applicants as such.


The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR 1.56, exists.

This Information Disclosure Statement is believed to be timely in that it is being submitted under 37 CFR 1.97(b) (3) before the mailing of a first Office Action on the merits, whereby no petition or fee is required. However, if counsel for Applicant is in error in this regard, the Commissioner is requested to consider this a petition and he is authorized to charge any required petition fee to counsel's Deposit Account No. 12-2475.

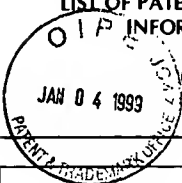
Respectfully submitted,

LYON & LYON LLP

Dated: December 29, 1998

By:   
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ATTY. DOCKET NO.  
235/054SERIAL NO.  
09/095,478LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT:  
Gregory Plowman et al.FILING DATE:  
June 10, 1998GROUP:  
1654

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4,343,940	8/10/82	Kreighbaum et al.	544	283	3/6/81
	AB	4,376,110	3/8/83	David et al.	436	513	8/4/80
	AC	4,447,608	5/8/84	Jones et al.	544	287	10/19/82
	AD	4,757,072	7/12/88	Kabbe et al.	514	257	3/17/87
	AE	4,945,050	7/31/90	Sanford et al.	435	172.1	11/13/84
	AF	5,217,999	6/8/93	Levitzki et al.	514	613	3/24/92
	AG	5,283,173	2/1/94	Fields et al.	435	6	1/24/90
	AH	5,302,606	4/12/94	Spada et al.,	514	357	4/16/91
	AI	5,316,553	5/31/94	Kaul et al.	8	639	7/26/91
	AJ	5,330,992	7/19/94	Eissenstat et al.	814	312	10/23/92
	AK	5,602,171	2/11/97	Tang et al.	514	455	6/7/95
	AL	5,610,173	3/11/97	Schwartz et al.	514	378	4/26/95

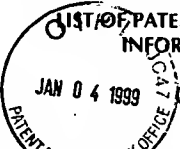
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	AM	0 520 722 A1	30.12.92	EP (Imperial Chem. Ind.)				
	AN	0 562 734 A1	29.09.93	EP (British Tech. Group)				
	AO	0 566 226 A1	20.10.93	EP (Zeneca Ltd.)				
	AP	91/15495	17.10.91	WO/PCT (Pfizer Inc.)				
	AQ	92/20642	26.11.92	WO/PCT (Rhonpoulenc)				
	AR	92/21660	10.12.92	WO/PCT (Pfizer Inc.)				
	AS	93/09236	13.05.93	WO/PCT (Schwartz)				
	AT	94/03427	17.02.94	WO/PCT (Warner-Lambert Co.)				
	AU	94/14808	07.07.94	WO/PCT (Farmitalia Carlo Erba S.R.L.)				
	AV	94/23039	13.10.94	WO/PCT (Royal Cancer Hosp.)				
	AW	96/22976	01.08.96	WO/PCT (Buzzetti)				

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FORM PTO-1449	ATTY. DOCKET NO. 235/054	SERIAL NO. 09/095,478
 (Use several sheets if necessary)	APPLICANT: Gregory Plowman et al.	
	FILING DATE: June 10, 1998	GROUP: 1654

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AX	Abe et al., "Molecular Characterization of a Novel Metabotropic Glutamate Receptor mGluR5 Coupled to Inositol Phosphate/Ca <sup>2+</sup> Signal," <u>J. Biol. Chem.</u> 267(19):13361-13368 (1992)	
AY	Allen et al., "Modulation of CD4 by suramin," <u>Clin. Exp. Immunol.</u> 91:141-146 (1991)	
AZ	Altschul et al., "Basic Local Alignment Search Tool," <u>J. Mol. Biol.</u> 215:403-410 (1990)	
BA	Anafi et al., "Tyrophostin-Induced Inhibition of p210 <sup>bcr-abl</sup> Tyrosine Kinase Activity Induces K562 to Differentiate," <u>Blood</u> 82:3524-3529 (1993)	
BB	Baker et al., "Induction of acetylcholine receptor clustering by native polystyrene beads," <u>Journal of Cell Science</u> 102:543-555 (1992)	
BC	Barker et al., "In vitro activity of non-glutamate containing quinazoline-based thymidylate synthase inhibitors," <u>Proceedings of the American Association for Cancer Research</u> 32:327 at abstract no. 1939 (1991)	
BD	Bayer et al., "The Avidin-Biotin Complex in Affinity Cytochemistry," <u>Methods in Enzymology</u> 62:308-319 (1979)	
BE	Benoist and Chambon, "In vivo sequence requirements of the SV40 early promoter region," <u>Nature</u> 290:304-310 (1981)	
BF	Bertino, "Toward Improved Selectivity in Cancer Chemotherapy: The Richard and Hinda Rosenthal Foundation Award Lecture," <u>Cancer Research</u> 39:293-304 (1979)	
BG	Bilder et al., "Tyrophostins inhibit PDGF-induced DNA synthesis and associated early events in smooth muscle cells," <u>Am. J. Physiol.</u> 260(Cell Physiol.29):C721-C730 (1991)	
BH	Bollon and Stauver, "DNA Transformation Efficiency of Various Bacterial and Yeast Host-Vector Systems," <u>Journal of Clinical Hematology and Oncology</u> 10(2&3):39-48 (1980)	
BI	Botstein et al., "Making Mutations in vitro and Putting Them Back into Yeast," <u>Miami Winter Symposia - From Gene to Protein: Translation into Biotechnology</u> , edited by Ahmad et al., Academic Press, 19:265-274 (1982)	
BJ	Brinster et al., "Factors Affecting the Efficiency of Introducing Foreign DNA into Mice by Microinjecting Eggs," <u>Proc. Natl. Acad. Sci. USA</u> 82:4438-4442 (1985)	
BK	Broach, "The Yeast Plasmid 2μ Circle," <u>Cell</u> 28:203-204 (1982)	
BL	Broach, "The Yeast Plasmid 2μ Circle," in <u>The Molecular Biology of the Yeast Saccharomyces: Life Cycle and Inheritance</u> , Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, pp. 445-470 (1981)	
BM	Brunton et al., "Anti-tumour activity of novel tyrophostins in breast cancer cells," <u>Proceedings of the American Association for Cancer Research</u> 33:558 at abstract no. 3335 (1992)	
BN	Bryckaert et al., "Inhibition of Platelet-Derived Growth Factor-Induced Mitogenesis and Tyrosine Kinase Activity in Cultured Bone Marrow Fibroblasts by Tyrophostins," <u>Exp. Cell Research</u> 199:255-261 (1992)	
BO	Bullock et al., "Techniques in Immunocytochemistry," Academic Press, Orlando, FL: Vol. 1 (1982), Vol. 2 (1983), Vol. 3 (1985) (TABLE OF CONTENTS ONLY)	
BP	Burke et al., "Arylamides of Hydroxylated Isoquinolines as Protein-Tyrosine Kinase Inhibitors," <u>Bioorganic &amp; Medical Chemistry Letters</u> 2(12):1771-1774 (1992)	
BQ	Burke et al., "Bicyclic Compounds as Ring-Constrained Inhibitors of Protein-Tyrosine Kinase p56 <sup>lck</sup> ," <u>Journal of Medicinal Chemistry</u> 36(4):425-432 (1993)	
BR	Campbell, <u>Monoclonal Antibody Technology: Laboratory Techniques in Biochemistry and Molecular Biology</u> , Volume 13, Elsevier Science Publishers, Amsterdam, The Netherlands (1984) (TABLE OF CONTENTS ONLY)	
BS	Capecchi, "Altering the Genome by Homologous Recombination," <u>Science</u> 244:1288-1292 (1989)	
BT	Capecchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian Cells," <u>Cell</u> 22:479-488 (1980)	
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FORM PTO-1449	ATTY. DOCKET NO. 235/054	SERIAL NO. 09/095,478
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		
APPLICANT: Gregory Plowman et al.		
FILING DATE: June 10, 1998		GROUP: 1654

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
BU	Cenatiempo, "Prokaryotic gene expression <i>in vitro</i> : transcription-translation coupled systems," <u>Biochimie</u> 68:505-515 (1986)	
BV	Chard, <u>An Introduction to Radioimmunoassay and Related Techniques</u> , Elsevier Science Publishers, Amsterdam, The Netherlands (1986) (TABLE OF CONTENTS ONLY)	
BW	Chater et al., "Streptomyces ØC31-Like Phages: Cloning Vectors, Genome Changes and Host Range," in <u>Sixth International Symposium on Actinomycetes Biology</u> , edited by Szabe et al., Akademiai Kiado, Budapest, Hungary, pp. 45-52 (1986)	
BX	Chen and Okayama, "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA," <u>Molecular and Cellular Biology</u> 7(8):2745-2752 (1987)	
BY	Chomczynski and Sacchi, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," <u>Analytical Biochemistry</u> 162:156-159 (1987)	
BZ	Chu et al., "Electroporation for the efficient transfection of mammalian cells with DNA," <u>Nucleic Acids Research</u> 15:1311-1326 (1987)	
CA	Curiel et al., "Gene Transfer to Respiratory Epithelial Cells via the Receptor-mediated Endocytosis Pathway," <u>Am. J. Respir. Cell. Mol. Biol.</u> 6:247-252 (1992)	
CB	Curtin et al., "Inhibition of the growth of human hepatocellular carcinoma <i>in vitro</i> and in athymic mice by a quinazoline inhibitor of thymidylate synthase, CB3717," <u>Br. J. Cancer</u> 53:361-368 (1986)	
CC	Dolle et al., "5,7-Dimethoxy-3-(4-pyridinyl)quinoline is a Potent and Selective Inhibitor of Human Vascular -Type Platelet-Derived Growth Factor Receptor TyrosineKinase," <u>J. Med. Chem.</u> 37:2627-2629 (1994)	
CD	Dong et al., "Activation of tumoricidal properties in macrophages by lipopolysaccharide requires protein-tyrosine kinase activity," <u>Journal of Leukocyte Biology</u> 53:53-60 (1993)	
CE	Dong et al., "Protein Tyrosine Kinase Inhibitors Decrease Induction of Nitric Oxide Synthase Activity in Lipopolysaccharide-Responsive and Lipopolysaccharide-Nonresponsive Murine Macrophages," <u>The Journal of Immunology</u> 151(5):2717-2724 (1993)	
CF	Dreborg et al., "Ch. 10 - The chemistry and standardization of allergens," in <u>Handbook of Experimental Immunology - Volume 1: Immunochemistry</u> , 4th Ed., edited by Weir et al., Blackwell Scientific Publications, Oxford, England, pp. 10.1 - 10.28 (1986)	
CG	Engvall and Perlmann, "Enzyme-Linked Immunosorbent Assay, ELISA. III. Quantitation of Specific Antibodies by Enzyme-Labeled Anti-Immunoglobulin in Antigen-Coated Tubes," <u>J. Immunology</u> 109:129-135 (1972) (mistakenly referred to as Engval)	
CH	Felgner and Ringold, "Cationic liposome-mediated transfection," <u>Nature</u> 337:387-388 (1989)	
CI	Felgner et al., "Lipofection: A Highly Efficient, Lipid-mediated DNA-transfection Procedure," <u>Proc. Natl. Acad. Sci. USA</u> 84:7413-7417 (1987)	
CJ	Fernandes et al., "Biochemical and Antitumor Effects of 5,8-Dideazaisopteroylglutamate, a Unique Quinazoline Inhibitor of Thymidylate Synthase," <u>Cancer Research</u> 43:1117-1123 (1983)	
CK	Ferris et al., "Synthesis of Quinazoline Nucleosides from Ribose and Anthranilonitrile. Application of Phase-Transfer Catalysis in Nucleoside Synthesis," <u>J. Org. Chem.</u> 44(2):173-178 (1979)	
CL	Fingl and Woodbury, "Chapter 1 - General Principles," in <u>The Pharmacological Basis of Therapeutics</u> 5th edition, Goodman and Gilman editors, MacMillan Publishing Co., Inc., New York, pp. 1-46 (1975)	
CM	Fry et al., "A Specific Inhibitor of the Epidermal Growth Factor Receptor Tyrosine Kinase," <u>Science</u> 265:1093-1095 (1994)	
CN	Gazit et al., "Tyrophostins 1. Synthesis and Biological Activity of Protein Tyrosine Kinase Inhibitors," <u>J. Med. Chem.</u> 32:2344-2352 (1989)	

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CO	Gazit et al., "Tyrophostins. 3. Structure-Activity Relationship Studies of a -Substituted Benzylidenemalononitrile 5-S-Aryltyrophostins," <u>J. Med. Chem.</u> 36:3556-3564 (1993)
CP	Gennaro (editor), <u>Remington's Pharmaceutical Sciences</u> (1990) (TABLE OF CONTENTS ONLY)
CQ	Gerard et al., "cDNA synthesis by cloned moloney murine leukemia virus reverse transcriptase lacking RNase H Activity," <u>Focus</u> 11:66-69 (1989)
CR	Gilman et al., "Isolation of sigma-28-specific promoters from <i>Bacillus subtilis</i> DNA," <u>Gene</u> 32:11-20 (1984)
CS	Gishizky et al., "Mutant forms of growth factor-binding protein-2 reverse BCR-ABL-induced transformation," <u>Proc. Natl. Acad. Sci. USA</u> 92:10889-10893 (1995)
CT	Glick and Whitney, "Factors affecting the expression of foreign proteins in <i>Escherichia coli</i> ," <u>Journal of Industrial Microbiology</u> 1:277-282 (1987)
CU	Goding, "Conjugation of Antibodies with Fluorochromes: Modifications to the Standard Methods," <u>J. Immunological Methods</u> 13:215-226 (1976)
CV	Gold et al., "Translational Initiation in Prokaryotes," <u>Ann. Rev. Microbiol.</u> 35:365-403 (1981)
CW	Gottesman, "Bacterial Regulation: Global Regulatory Networks," <u>Ann. Rev. Genet.</u> 18:415-441 (1984)
CX	Gryczan, "Ch. 10 - Molecular Cloning in <i>Bacillus subtilis</i> ," in <u>The Molecular Biology of the Bacilli</u> , edited by Dubnau, Academic Press, New York, pp. 307-329 (1982)
CY	Hamer and Walling, "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <u>J. of Molecular and Applied Genetics</u> 1:273-288 (1982)
CZ	Hammer et al., "Spontaneous Inflammatory Disease in Transgenic Rats Expressing HLA-B27 and Human $\alpha_2m$ : An Animal Model of HLA-B27-Associated Human Disorders," <u>Cell</u> 63:1099-1112 (1990)
DA	Hanks and Hunter, "The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification," <u>FASEB J.</u> 9:576-596 (1995)
DB	Haslam et al., "Pleckstrin domain homology," <u>Nature</u> 363:309-310 (1993)
DC	Houdebine and Chourrout, "Transgenesis in Fish," <u>Experientia</u> 47:891-897 (1991)
DD	Hurby et al., in <u>Synthetic Peptides: A User's Guide</u> , edited by Grant, Washington University School of Medicine, W.H. Freeman and Company, New York, pp. 289-307 (1992)
DE	Innis et al., <u>PCR Protocols: A Guide to Methods and Applications</u> , edited by Michael A. Innis et al., Academic Press, San Diego (1990) (TABLE OF CONTENTS ONLY)
DF	Izaki, <u>Japanese Journal of Bacteriology</u> 33(6):729-742 (1978) (In Japanese)
DG	Jackman, "ICI D1694, a Quinazoline Antifolate Thymidylate Synthase Inhibitor That Is a Potent Inhibitor of L1210 Tumor Cell Growth <i>in Vitro</i> and <i>in Vivo</i> : A New Agent for Clinical Study," <u>Cancer Research</u> 51:5579-5586 (1991)
DH	Jasny, "Insect Viruses Invade Biotechnology," <u>Science</u> 238:1653 (1987)
DI	John and Twitty, "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," <u>Reviews of Infectious Diseases</u> 8:693-704 (1986)
DJ	Johnston and Hopper, "Isolation of the yeast regulatory gene <i>GAL4</i> and analysis of its dosage effects on the galactose/melibiose regulon," <u>Proc. Natl. Acad. Sci. USA</u> 79:6971-6975 (1982)
DK	Jones et al., "Quinazoline Antifolates Inhibiting Thymidylate Synthase: Variation of the Amino Acid," <u>J. Med. Chem.</u> 29:1114-1118 (1986)

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

DL	Joyner et al., "Production of a mutation in mouse <i>En-2</i> gene by homologous recombination in embryonic stem cells," <u>Nature</u> 338:153-156 (1989)
DM	Kasprzak et al., "Location of a Contact Site Between Actin and Myosin in the Three-Dimensional Structure of the Acto-S1 Complex," <u>Biochemistry</u> 28:9230-9238 (1989)
DN	Kaur, "Tyrophostin induced growth inhibition: correlation with effect on p210 <sup>bcr-abl</sup> autokinase activity in K562 chronic myelogenous leukemia," <u>Anti-Cancer Drugs</u> 5:213-222 (1994)
DO	Kendall and Cohen, "Plasmid Transfer in <i>Streptomyces lividans</i> : Identification of a <i>kil-kor</i> System Associated with the Transfer Region of PIJ101," <u>Journal of Bacteriology</u> 169:4177-4183 (1987)
DP	King et al., "Site-specific dephosphorylation and deactivation of the human insulin receptor tyrosine kinase by particulate and soluble phosphotyrosyl protein phosphatases," <u>Biochem. J.</u> 275:413-418 (1991)
DQ	Köhler and Milstein, "Continuous cultures of fused cells secreting antibody of predefined specificity," <u>Nature</u> 256:495-497 (1975)
DR	Krueger and Saito, "A human transmembrane protein-tyrosine-phosphatase, PTP <sub>11</sub> , is expressed in brain and has an N-terminal receptor domain homologous to carbonic anhydrases," <u>Proc. Natl. Acad. Sci. USA</u> 89:7417-7421 (1992)
DS	Kuo et al., "Effects of signalling transduction modulators on the transformed phenotypes in v-H-ras-transformed NIH 3T3 cells," <u>Cancer Letters</u> 74:197-202 (1993)
DT	Lee and Skibo, "Active-Site-Directed Reductive Alkylation of Xanthine Oxidase by Imidazo[4,5-g]quinazoline-4,9-diones Functionalized with a Leaving Group," <u>Biochemistry</u> 26:7355-7362 (1987)
DU	Lemus et al., "Studies of Extended Quinone Methides. Synthesis and Physical Studies of Purine-like Monofunctional and Bifunctional Imidazo[4,5-g]quinazoline Reductive Alkylating Agents," <u>J. Org. Chem.</u> 54:3611-3618 (1989)
DV	Levitzki, "Tyrophostins: tyrosine kinase blockers as novel antiproliferative agents and dissectors of signal transduction," <u>FASEB J.</u> 6:3275-3282 (1992)
DW	Ley and Seng, "Synthesis Using Benzofuroxan," <u>Synthesis</u> 1975:415-422 (1975) (In German)
DX	Lutz et al., "The Distribution of Two hnRNP-Associated Proteins Defined by a Monoclonal Antibody Is Altered in Heat-Shocked HeLa Cells," <u>Experimental Cell Research</u> 175:109-124 (1988)
DY	Lyall et al., "Tyrophostins Inhibit Epidermal Growth Factor (EGF)-Receptor Tyrosine Kinase Activity in Living Cells and EGF-stimulated Cell Proliferation," <u>J. Biol. Chem.</u> 264:14503-14509 (1989)
DZ	Maniatis, "Ch. 11 - Recombinant DNA Procedures in the Study of Eukaryotic Genes," in <u>Cell Biology: A Comprehensive Treatise, Volume 3. Gene Sequence Expression</u> , Academic Press, NY, pp. 563-608 (1980)
EA	Maxwell et al., " <sup>19</sup> F Nuclear Magnetic Resonance Imaging of Drug Distribution <i>in Vivo</i> : The Diposition of an Antifolate Anticancer Drug in Mice," <u>Magnetic Resonance in Medicine</u> 17:189-196 (1991)
EB	Mayer and Baltimore, "Signalling through SH2 and SH3 domains," <u>Trends in Cell Biology</u> 3:8-13 (1993)
EC	Mayer et al., "A novel viral oncogene with structural similarity to phospholipase C," <u>Nature</u> 332:272-275 (1988)
ED	McKnight, "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <u>Cell</u> 31:355-365 (1982)
EE	Miller and Rosman, "Improved Retroviral Vectors for Gene Transfer and Expression," <u>BioTechniques</u> 7(9):982-990 (1989)

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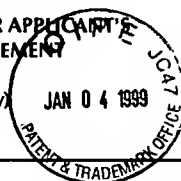
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EF	Miller et al., "An Insect Baculovirus Host-Vector System for High-Level Expression of Foreign Genes," in <u>Genetic Engineering: Principles and Methods</u> , edited by Setlow et al., Plenum Press, 8:277-298 (1986)	
EG	Miller, "Human gene therapy comes of age," <u>Nature</u> 357:455-460 (1992)	
EH	Mini et al., "Cytotoxic Effects of Folate Antagonists against Methotrexate-resistant Human Leukemic Lymphoblast CCRF-CEM Cell Lines," <u>Cancer Research</u> 45:325-330 (1985)	
EI	Mulligan, "The Basic Science of Gene Therapy," <u>Science</u> 260:926-932 (1993)	
EJ	Nelson, "Detection of Acridinium Esters by Chemiluminescence," <u>Nonisotopic DNA Probe Techniques</u> , ed. Larry J. Kricka, (San Diego: Academic Press, Inc.) pp. 275-310 (1992)	
EK	Okayama and Berg, "A cDNA Cloning Vector That Permits Expression of cDNA Inserts in Mammalian Cells," <u>Molecular and Cellular Biology</u> 3:280-289 (1983)	
EL	Pawson and Schlessinger, "SH2 and SH3 domains," <u>Current Biology</u> 3(7):434-442 (1993)	
EM	Peterson and Barnes, "Genistein and Biochanin A Inhibit the Growth of Human Prostate Cancer Cells but not Epidermal Growth Factor Receptor Tyrosine Autophosphorylation," <u>The Prostate</u> 22:335-345 (1993)	
EN	Phillips and Castle, "Quino[1,2-c]quinazolines. I. Synthesis of Quino[1,2-c]quinazolinium Derivatives and the Related Indazolo[2,3-a]quinoline Derivatives as Analogs of the Antitumor Benzo[c]phenanthridine Alkaloids," <u>J. Heterocyclic Chemistry</u> 17:1489-1496 (1980)	
EO	Pillemer et al., "Insulin Dependence of Murine Lymphoid T-Cell Leukemia," <u>Brit. J. Cancer</u> 50:80-85 (1992)	
EP	Ponting and Bork, "Pleckstrin's repeat performance: a novel domain in G-protein signaling?" <u>TIBS</u> 21:245-246 (1996)	
EQ	Posner et al., "Kinetics of Inhibition by Tyrophostins of the Tyrosine Kinase Activity of the Epidermal Growth Factor Receptor and Analysis by a New Computer Program," <u>Molecular Pharmacology</u> 45:673-683 (1993)	
ER	Pursel et al., "Genetic Engineering of Livestock," <u>Science</u> 244:1281-1288 (1989)	
ES	Redemann et al., "Anti-Oncogenic Activity of Signalling-Defective Epidermal Growth Factor Receptor Mutants," <u>Molecular and Cellular Biology</u> 12(2):491-498 (1992)	
ET	Reece et al., "Pharmacokinetics of Trimetrexate Administered by Five-Day Continuous Infusion to Patients with Advanced Cancer," <u>Cancer Research</u> 47:2996-2999 (1987)	
EU	Reridu et al., "Inhibition of Platelet Activation by Tyrosine Kinase Inhibitors," <u>Biochemical Pharmacology</u> 44(5):881-888 (1992)	
EV	Robertson, <u>Teratocarcinomas and embryonic stem cells: a practical approach</u> , IRL Press (1987) (TABLE OF CONTENTS)	
EW	Rubin, " <u>Drosophila melanogaster</u> as an Experimental Organism," <u>Science</u> 240:1453-1459 (1988)	
EX	Sadowski et al., "A Noncatalytic Domain Conserved among Cytoplasmic Protein-Tyrosine Kinases Modifies the Kinase Function and Transforming Activity of Fujinami Sarcoma Virus P130 <sup>gag-tps</sup> ," <u>Molecular and Cellular Biology</u> 6(12):4396-4408 (1986)	
EY	Saito and Streuli, "Molecular Characterization of Protein Tyrosine Phosphatases," <u>Cell Growth &amp; Differentiation</u> 2:59-65 (1991)	
EZ	Sambrook and Marialis., <u>Molecular Cloning: A Laboratory Manual</u> , 2 <sup>nd</sup> Edition, Cold Spring Harbor Laboratory Press (1989) (TABLE OF CONTENTS)	
FA	Sauro and Thomas, "Decreased Sensitivity of Aorta from Hypertensive Rats to Vasorelaxation by Tyrphostin," <u>Life Sciences</u> 53:PL371-376 (1993)	
FB	Sauro and Thomas, "Tyrphostin Attenuates Platelet-Derived Growth Factor-Induced Contraction in Aortic Smooth Muscle Through Inhibition of Protein Tyrosine Kinase(s)," <u>The Journal of Pharmacology and Experimental Therapeutics</u> 267:1119-1125 (1993)	

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICATION INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		
APPLICANT: Gregory Plowman et al.		
FILING DATE: June 10, 1998		GROUP: 1654



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
FC	Sculier et al., "Role of an Intensive Care Unit (ICU) in a Medical Oncology Department," <u>Cancer Immunol. and Immunotherapy</u> 23:A65 at abstract no. 257 (1986)	
FD	Sikora and Grzelakowska-Sztabert, "Quinazoline CB 3717 and CB 3703 Inhibitors of Folate Retention and Metabolism in Ehrlich Ascites Carcinoma Cells and Some Organs of the Host-Mouse," <u>Cancer Letters</u> 23:289-295 (1984)	
FE	Sikora et al., "Development of an Assay for the Estimation of N <sup>10</sup> -Propargyl-5,8-dideazafolic Acid Polyglutamates in Tumor Cells," <u>Analytical Biochemistry</u> 172:344-355 (1988)	
FF	Silver et al., "Amino terminus of the yeast GAL4 gene product is sufficient for nuclear localization," <u>Proc. Natl. Acad. Sci. USA</u> 81:5951-5955 (1984)	
FG	Simons et al., "Gene Transfer into Sheep," <u>Bio/Technology</u> 6:179-182 (1988)	
FH	Smith and Johnson, "Single-step purification of polypeptides expressed in <i>Escherichia coli</i> as fusions with glutathione S-transferase," <u>Gene</u> 67:31-40 (1988)	
FI	St. Groth and Scheidegger, "Production of Monoclonal Antibodies: Strategy and Tactics," <u>J. Immunol. Methods</u> 35:1-21 (1980)	
FJ	Sternberger et al., "The Unlabeled Antibody Enzyme Method of Immunohistochemistry: Preparation and Properties of Soluble Antigen-Antibody Complex (Horseradish Peroxidase-Antihorseradish Peroxidase) and its Use in Identification of Spirochetes," <u>J. Histochemistry and Cytochemistry</u> 18(5):315-333 (1970)	
FK	Superti-Furga et al., "Csk inhibition of c-Src activity requires both the SH2 and SH3 domains of Src," <u>EMBO J.</u> 12:2625-2634 (1993)	
FL	Tijssen, <u>Practice and Theory of Enzyme Immunoassays: Laboratory Techniques in Biochemistry and Molecular Biology</u> , Volume 15, Elsevier Science Publishers, Amsterdam, The Netherlands (1985) (TABLE OF CONTENTS ONLY)	
FM	Ulmanen et al., "Transcription and Translation of Foreign Genes in <i>Bacillus subtilis</i> by the Aid of a Secretion Vector," <u>Journal of Bacteriology</u> 162:176-182 (1985)	
FN	Ward et al., "Construction and characterisation of a series of multi-copy promoter-probe plasmid vectors for <i>Streptomyces</i> using the aminoglycoside phosphotransferase gene from Tn5 as indicator," <u>Mol. Gen. Genet.</u> 203:468-478 (1986)	
FO	Wilchek and Jakoby, "The Literature on Affinity Chromatography," <u>Methods in Enzymology</u> 34:3-10 (1974) (also referred to as Jacoby)	
FP	Wolbring et al., "Inhibition of GTP-utilizing Enzymes by Tyrphostins," <u>J. Biol. Chem.</u> 269:22470-22472 (1994)	
FQ	Yang et al., "In Vivo and In Vitro Gene Transfer to Mammalian Somatic Cells by Particle Bombardment," <u>Proc. Natl. Acad. Sci. USA</u> 87:9568-9572 (1990)	
FR	Yoneda et al., "The Antiproliferative Effects of Tyrosine Kinase Inhibitors Tyrphostins on a Human Squamous Cell Carcinoma in Vitro and in Nude Mice," <u>Cancer Research</u> 51:4430-4435 (1991)	

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